#### CRAWFORD MAUNU PLLC

### **United States Patent Application**

#### **DECLARATION UNDER 37 C.F.R. § 1.63**

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD, APPARATUS AND PROGRAM STORAGE DEVICE FOR PROVIDING A TWO-STEP COMMUNICATION SCHEME.

The specification of which

- a. is attached hereto
- b. is entitled METHOD, APPARATUS AND PROGRAM STORAGE DEVICE FOR PROVIDING A TWO-STEP COMMUNICATION SCHEME, having attorney docket number SJO920030023US1 (IBMS.005PA).
- c. was filed on as application serial no. and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. no such applications have been filed.
- b. such applications have been filed as follows:

|         | FOREIGN APPLICATION(S), IF ANY,      | CLAIMING PRIORITY UNDER 3.           | 5 USC § 119                         |
|---------|--------------------------------------|--------------------------------------|-------------------------------------|
| COUNTRY | APPLICATION NUMBER                   | DATE OF FILING<br>(day, month, year) | DATE OF ISSUE<br>(day, month, year) |
| A       | LL FOREIGN APPLICATION(S), IF ANY, F | ILED BEFORE THE PRIORITY A           | APPLICATION(S)                      |
| COUNTRY | APPLICATION NUMBER                   | DATE OF FILING<br>(day, month, year) | DATE OF ISSUE<br>(day, month, year) |
| COUNTRY | APPLICATION NUMBER                   |                                      |                                     |

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. APPLICATION NUMBER | DATE OF FILING (day, month, year) | STATUS (patented, pending, abandoned) |
|-------------------------|-----------------------------------|---------------------------------------|
|                         |                                   |                                       |
|                         |                                   |                                       |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

| U.S. PROVISIONAL APPLICATION NUMBER | DATE OF FILING (Day, Month, Year) |
|-------------------------------------|-----------------------------------|
|                                     |                                   |

I hereby authorize personnel at the U.S. Patent and Trademark Office to act and rely on instructions from and communicate directly with

the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct person/assignee/attorney/firm/ organization to the contrary.

| Funk, Steven R.       | Reg. No. 37,830    | Crawford, Robert | t J. Reg. No. 32,123 | 2 Maunu, LeRo     | y D. Reg. No. 35,274 |
|-----------------------|--------------------|------------------|----------------------|-------------------|----------------------|
| Hollingsworth, Mark A | A. Reg. No. 38,491 | Curtin, Eric J.  | Reg. No. 47,511      | Davis, Clara      | Reg. No. 50,495      |
| Lynch, David W.       | Reg. No. 36,204    | Barkley, Jean M. | Reg. No. 39,541      | Bates, Allen      | Reg. No. 50,276      |
| Bluestone, Randall J. | Reg. No. 40,518    | Crockatt, Dale   | Reg. No. 35,109      | Green, Stanley B. | Reg. No. 24,351      |
| Raissinia, Abdy       | Reg. No. 38,686    | Saber, Paik      | Reg. No. 37,494      | Gill, William     | Reg. No. 44,124      |
| Hughes, Christopher   | Reg. No. 26,914    | Redmond, Joseph  | Reg. No. 18,753      |                   |                      |

Please direct all correspondence in this case to Crawford Maunu PLLC at the address indicated below:

## Crawford Maunu PLLC 1270 Northland Drive, Suite 390 St. Paul, MN 55120

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| 2                                 | Full Name<br>Of Inventor   | Family Name<br>CHAMBLISS                          | First Given Name<br>DAVID              |       | Second Given Name<br>DARDEN              |
|-----------------------------------|----------------------------|---|--|-------|--|
| 0                                 | Residence<br>& Citizenship | City<br>MORGAN HILL                               | State or Foreign Country<br>CALIFORNIA |       | Country of Citizenship<br>USA            |
| 1                                 | Post Office<br>Address     | Post Office Address<br>18380 MURPHY SPRINGS DRIVE | City<br>MORGAN HILL                    |       | State & Zip Code/Country<br>CA/95037/USA |
| Signature of Inventor 201:        |                            |   |  |       |  |
| 2                                 | Full Name<br>Of Inventor   | Family Name<br>JADAV                              | First Given Name<br>DIVYESH            |       | Second Given Name                        |
| 0                                 | Residence<br>& Citizenship | City<br>SAN JOSE                                  | State or Foreign Country<br>CALIFORNIA |       | Country of Citizenship<br>INDIA          |
| 2                                 | Post Office<br>Address     | Post Office Address<br>6366 TAMALPAIS AVENUE      | City<br>SAN JOSE                       |       | State & Zip Code/Country<br>CA/95120/USA |
| Signature of Inventor 202: Hyadow |                            |   |  |       | ine 20, 2003                             |
| 2                                 | Full Name<br>Of Inventor   | Family Name<br>LEE                                | First Given Name<br>TZONGYU            |       | Second Given Name<br>PAUL                |
| 0                                 | Residence<br>& Citizenship | City<br>CAMPBELL                                  | State or Foreign Country<br>CALIFORNIA |       | Country of Citizenship<br>USA            |
| 3                                 | Post Office<br>Address     | Post Office Address<br>P.O. BOX 1318              | City<br>SANTA CLARA                    |       | State & Zip Code/Country<br>CA/95052/USA |
| Sign                              | ature of Inventor 2        | 103: My Mulh                                      |  | Date  | up 20, 2003                              |
| 2                                 | Full Name<br>Of Inventor   | Family Hame<br>MENON                              | First Given Name<br>RAMACHANDRAN       | 0     | Second Given Name<br>GOPALAKRISHNA       |
| 0                                 | Residence<br>& Citizenship | City<br>SUNNYVALE                                 | State or Foreign Country<br>CALIFORNIA |       | Country of Citizenship<br>INDIA          |
| 4                                 | Post Office<br>Address     | Post Office Address La Mesa Terrace, 943G         | City<br>SUNNYVALE                      |       | State & Zip Code/Country<br>CA/94086/USA |
| Sign                              | ature of Inventor 2        |   |  | Date: | UNE 23,2003                              |

| 2 | Full Name<br>Of Inventor | Family Name<br>PANDEY    | First Given Name<br>PRASHANT | Second Given Name        |
|---|--------------------------|--------------------------|------------------------------|--------------------------|
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| 2    | Full Name<br>Of Inventor   | Family Name<br>PANDEY                        | First Given Name<br>PRASHANT           | Second Given Name                        |
|------|----------------------------|--|--|--|
| 0    | Residence<br>& Citizenship | City<br>FREMONT                              | State or Foreign Country<br>CALIFORNIA | Country of Citizenship INDIA             |
| 5    | Post Office<br>Address     | Post Office Address 2000 WALNUT AVENUE #D107 | City<br>FREMONT                        | State & Zip Code/Country<br>CA/94538/USA |
| Sign | ature of Inventor 2        | 05: Vashant ladey                            | Date:                                  | june 23, 2003                            |
| 2    | Full Name<br>Of Inventor   | Family Name<br>XU                            | First Given Name<br>ЛАN                | Second Given Name                        |
| 0    | Residence<br>& Citizenship | City<br>SAN JOSE                             | State or Foreign Country<br>CALIFORNIA | Country of Citizenship<br>USA            |
| 6    |                            |  |  | St. 4. 0 71 . C. 1 . C.                  |
| Ľ    | Post Office Address        | Post Office Address 1370 VIA DE LQS REYES    | City<br>SAN JOSE                       | State & Zip Code/Country<br>CA/95120/USA |

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and

| (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. |
|---|
| (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.  |
|   |
|   |

#### CRAWFORD MAUNU PLLC

# United States Patent Application

## DECLARATION UNDER 37 C.F.R. § 1.63

As a below named inventor I hereby declare that: my residence, post office address and chizonship are as stated below next to my name; that

I verily believe I am the original. First and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sough; on the invention entitled: METHOD, APPARATUS AND PROGRAM STORAGE DEVICE FOR PROVIDING A TWO-STEP COMMUNICATION SCHEME.

| The specification of which  a. \( \sum \) is attached hereto  b. \( \sum \) is entitled METHOD, APP  COMMUNICATION SCHEME  c. \( \sum \) was filed on   | ARATUS AND PROCRAM, having attortey ducket number as application serial no.   | STORAGE DEVICE P<br>or SIO920030023US1 (1<br>and was amende | BMS.005PA).                                 |  | r Glad          |
|---|---|---|---|--|-----------------|
| application) described and claimed solicit a United States patent.  |   | and as amended on   |   | ble) (in the case of a PCT<br>have reviewed and for wi             |                 |
| I hereby state that I have reviewed any amendment referred to above.  | and understand the contents of  | the above-identified spe                                    | cification, includin                        | g the claims, as emended   | by              |
| I acknowledge the duty to disclose<br>Federal Regulations, § 1.56 (attach   | information which is material and hereto).  | to the patentability of thi                                 | s application in acc                        | ordance with Title 37, Co  | nde of          |
| I horeby claim foreign priority ben certificate listed below and have all that of the application on the basis.  a.   no such applications have be b.  such applications have been              | so identified below any foreign<br>of which priority is claimed:<br>en filed.   | ites Code, § 119/365 of a<br>application for patent a       | n), foreign applica                         | ion(s) for patent or inven<br>are having a filing date be          | tor's<br>elicre |
| FOR   | CIGN APPLICATION(S), IF ANY,  | CLAIMING PRIORITY UN  | DKN 35 USC 5 119                            |  |                 |
| COUNTRY   | APPLICATION NUMBER  | DATE OF FILING (day, month, year)                           | (   | E OF 198UE<br>nonth, year)   |                 |
| ALLFORE   | ign application(9), if any, f   | THEO BEFORE THE PRIO  | RITY APPLICATION                            | <del>Parkinan Tallanda — — — — — — — — — — — — — — — — — — —</del> | -               |
| COUNTRY   | APPLICATION NUMBER  | DATE OF FILING  |   | E OF ISSUE   | -               |
|   |   | (day, month, year)  | iday.                                       | month, year)   | _               |
| I hereby claim the benefit under Ti<br>below and, insofar as the subject in<br>mainer provided by the first parag<br>defined in Title 37. Code of Federa<br>or PCT international filing date of | natter of each of the cleims of the raph of Title 35, United States at Regulations, § 1.56(a) which   | his application is not disc<br>Code, § 112, facknowis       | losed in the prior l<br>dge the duty to die | United States application close material information               | in che<br>n as  |
| U.S. APPLICATION NUMBER   | DATE OF FILING  | (day, month, year)  | STATUS (pater                               | aced, pending, shandones;  |                 |
| ) hereby claim the benefit under Ti   | tle 35. United States Code § 11   |   | s provisional appli                         |  |                 |
| THE THE PERSONAL A  | TOTAL SECTION OF THE PROPERTY | DA.   | TE OF FILING (18).                          | NORMA TERM   |                 |
|   |   |   |   |  | -               |

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I hereby authorize personnel at the U.S. Patent and Trademark Office to act and rely on instructions from and communicate directly with the person/assignee/attorney/firmi organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct person/assignee/attorney/firm/ organization to the contrary.

Funk, Steven R. Reg. No. 37,830 Crawford, Robert J. Reg. No. 32,122 Mainu. LeRoy D. Reg. No. 35,274 Hollingsworth, Mark A. Reg. No. 38,491 Curtin, Eric J. Reg. No. 47,511 Davis, Clara Reg. No. 50,495 Lunch David W. Rcg. No. 36,204 Barkley, Jean M. Reg. No. 39,541 Bates, Allen Reg. No. 50,276 Bluestone, Randall J. Reg. No. 40,518 Cruckatt, Dale Reg. No. 35,109 Green, Stanley B. Reg. No. 24,351 Reg. No. 38,686 Raissinia, Abdy Saber, Paik Reg. No. 37,494 Gill, William Reg. No. 44,124 Hughes, Christopher Reg. No. 26,914 Redmond, Joseph Reg. No. 18,753

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Crawford Maunu PLLC 1270 Northland Drive, Suite 390 St. Paul, MN 55120

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Titlo 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| 2    | Full Name<br>Of Inventor   | Family Name<br>CHAMBLISS                       | First Given Name DAVID                 | Second Given Name DARDEN                  |          |
|------|----------------------------|--|--|---|----------|
| 0    | Residence<br>& Clazemhip   | City<br>MORGAN IIILL                           | State or Foreign Country<br>CALIFORNIA | Country of Ollivenship                    |          |
| ı    | Fost Office<br>Address     | Post Office Address 18380 MURPHY SPRINGS DRIVE | City MORGAN LITE.                      | State & Zip Code/Country<br>CA/95037/tiSA |          |
| iign | ature of Inventor 2        | " Dwid O Clau                                  | Alisa                                  | Date: 23 June 2003                        | <u> </u> |
| :    | Full Name<br>Of Inventor   | Family Name<br>IADAY                           | Pirst Given Name<br>DIVYESH            | Second Given Nume                         |          |
|      | Residence<br>& Citizenship | City<br>SAN JOSE                               | State or Foreign Country CALIFORNIA    | Country of Citizenship INDIA              |          |
| !    | Post Office<br>Address     | Prot Office Address 6365 TAMALPAIS AVENUE      | City<br>San Jose                       | State & Zip Code/Country  [A9312[JUSA]    |          |
| Siga | ature of Inventor 2        | M21  |  | Dute:                                     |          |
| 2    | Full Name<br>Of Leventur   | Family Name<br>上日                              | First Given Name TZONGYU               | Second Given Name PAUL                    |          |
| 0    | Residence<br>& Citizenship | City CAMPHELL                                  | State or Foreign Country<br>CALIFORNIA | Country of Citizenship USA                |          |
| 3    | Post Office<br>Address     | Post Office Address P.O. BOX 1318              | City<br>SANTA CLARA                    | State & Zip Code/Country<br>CA/95012/USA  |          |
| Sign | ature of Inventor l        | (1):   |  | Dute:                                     |          |
| 2    | Full Name<br>Of Inventor   | Family Name MENON                              | Pirst Given Name<br>RAMACHANDRAN       | Second Given Name                         |          |
| v    | Residence<br>& Citizenship | City<br>SUNNYVALE                              | State or Foreign Country<br>CALIFORNIA | Country of Citizenship INDIA              |          |
| •    | Post Office<br>Address     | Post Office Address La Musa Terraco, 9430      | City<br>SUNNYVALE                      | State & Záp Code/Country<br>CA/94086/USA  |          |
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| 2    | Full Name Of Inventor      | Family Name<br>PANDEY                        | First Given Name<br>PRASHANT           | Second Given Name                        |
|------|----------------------------|--|--|--|
| J    | Residence<br>& Citteenship | ('In'<br>FREMONT                             | State of Foreign Country<br>CALIFORNIA | Country of Citizenship INDIA             |
| 5    | Post Office<br>Address     | Post Office Address 2000 WALNUT AVENUE #D107 | City<br>FREMONT                        | State & Zip Code/Country<br>CA/V4538/USA |
| Sign | niure of Inventor 2        | 805:   | Y                                      | die:                                     |
| 2    | Full Name<br>Of leventor   | Family Name<br>XU                            | First Given Name<br>IIAN               | Second Given Name                        |
| 0    | Residence<br>& Citizenship | City<br>SAN JOSE                             | State or Poreign Country CALIFORNIA    | Country of Citizenship USA               |
| 6    | Post Office<br>Address     | Post Office Address 1370 VIA DE LOS REYES    | City<br>SAN JOSE                       | State & Xip Code/Country<br>CA/95120/USA |
|      | store of inventor 2        | nk.  | 10                                     | Date:                                    |

### § 1.56 Duty to disclose information material to patentability.

- (a) A potent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the tiling and prosecution of a patent application has a duty of cendor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to percentability of any claim issued in a patent was cited by the Office or aubmitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; Or.
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:

- (2) Each autorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assigned or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

ЕГК СОПИТВУ ІМИ

86/23/2003 15:33 30/334465